

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
13 January 2005 (13.01.2005)

PCT

(10) International Publication Number
WO 2005/002845 A2

(51) International Patent Classification⁷:

B32B 15/08

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/NL2004/000473

(22) International Filing Date: 2 July 2004 (02.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

1023811

3 July 2003 (03.07.2003) NL

(71) Applicant (*for all designated States except US*): STORK FOKKER AESP B.V. [NL/NL]; Industrieweg 4, NL-3351 LB Papendrecht (NL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): RAJABALI, Abdool, Faziel [NL/NL]; Fideliohof 70, NL-2402 ET Alphen A/D Rijn (NL). MARKESTEEN, Max, Arjan [NL/NL]; Alida de Jongstraat 44, NL-4105 ED Culemborg (NL).

(74) Agent: VAN WESTENBRUGGE, Andries et al; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29270, NL-2502 LS The Hague (NL).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/002845 A2

(54) Title: LAMINATE WITH LOCAL REINFORCEMENT

(57) Abstract: A laminate of metal layers and plastic bonding layers situated between the metal layers comprises two external metal layers extending substantially continuously and at least one internal metal layer. At least one of the internal metal layers has at least one opening, and at the position of the opening the other metal layers and plastic bonding layers are bonded together to the form of a packet of lower thickness. The relatively thick parts of the laminate can be used for the transfer of forces.